FusionPartitions

Acoustic Performance

to BS EN ISO 10140-2: 2010

Document No. CGD-AP8

Contempo

54mm Rebated Aluminium Framed Double Glazed Door

This is to advise that a aluminium frame double glazed door fitted with 2 x 6mm thick toughened safety glass, twin seals and a drop down threshold seal installed in a Fusion aluminium doorframe as detailed in The Building Test Centre Report BTC 19599D (available on request), and summarised on page 2 has been tested in accordance with BS EN ISO 10140-2 for measurement of airborne sound insulation of building elements and that the resulting Rw measurements are derived from BS EN ISO 717-1: 2013.

Weighted Sound Reduction Index 100 - 3150 Hz

R_W **41dB**

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Acoustic Performance
to BS EN ISO 10140-2: 2010

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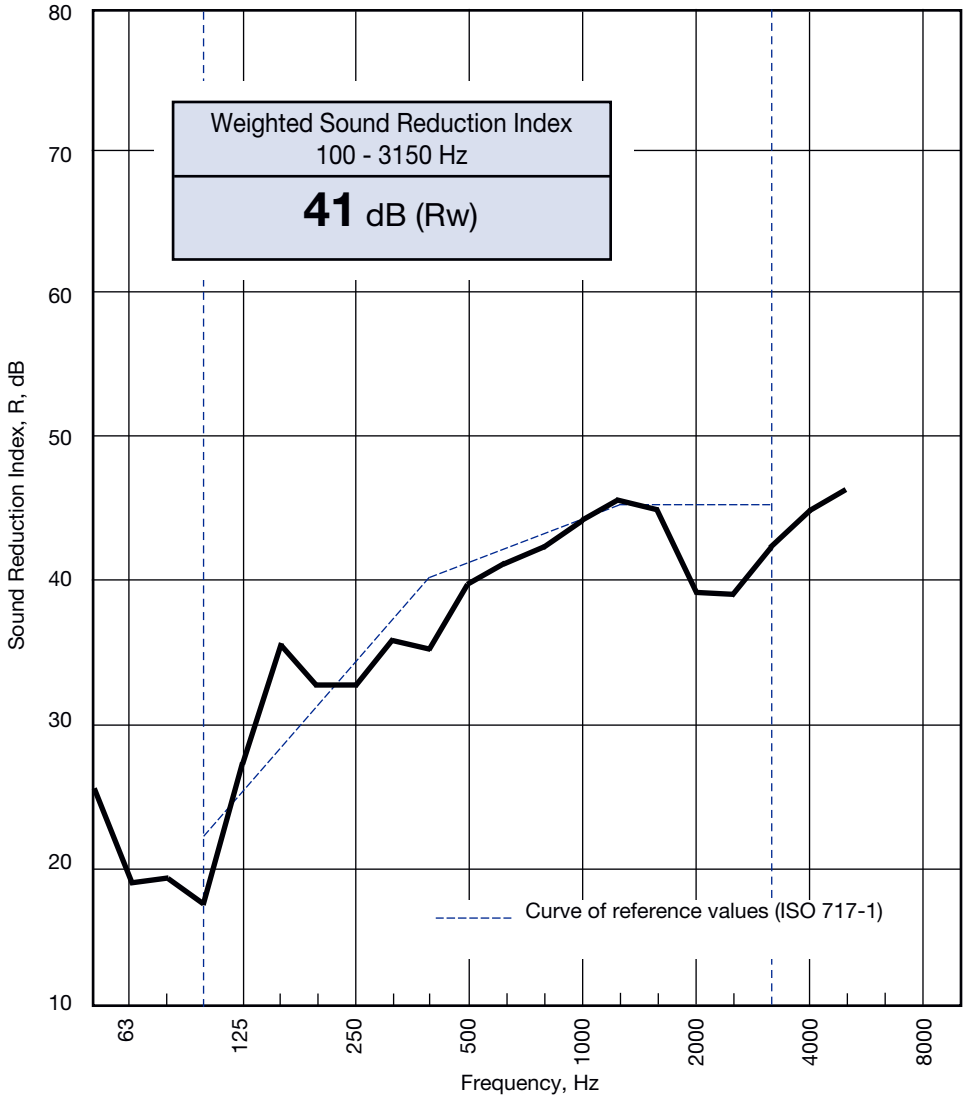
Contempo
54mm Rebated Aluminium Framed Double Glazed Door
with 2 x 6mm Toughened Safety Glass
Summary of Results

Test Report:
BTC 19599DA
Test Date:
28 September 2016

Freq. Hz	R dB
50	25.5
63	18.8
80	19.1
100	17.6
125	27.6
160	35.7
200	32.9
250	32.9
315	36.0
400	35.3
500	39.9
630	41.1
800	42.8
1000	44.1
1250	45.4
1600	44.9
2000	39.0
2500	38.9
3125	42.2
4000	44.8
5000	46.4
6300	
8000	
10000	



The above data must be read in conjunction with the test summary description given overleaf. The information given is an extract of the test report supplied by The Building Test Centre, East Leake, Loughborough. BTC is a UKAS approved test laboratory.

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